

ABSTRACT

An electric heat-generating circuit installed within disc brakes of vehicles to generate heat and dry the discs when current flows. An electromagnetic induction unit generates a current to the electric heat-generating circuit by using an electromagnetic
5 induction phenomenon via the formation of a magnetic field. Therefore, a power can be supplied to discs by a wireless method using electromagnetic induction phenomenon, thereby enabling the brakes to maintain a dry state even during operation under wet conditions.